

WHAT WE CLAIM IS

1. An auscultation training device, comprising:
 - a model human body which is an imitation of a real human body;
 - a stethoscope simulator which has at least one ear piece fitable in an ear hole of a trainee and an auscultatory section to be placed on said model human body for performing an auscultatory action;
 - a vital sound data memory system which stores said data based on various vital sounds such as breath sounds and cardiac sounds generated from the human body;
 - an auscultatory point locator which recognizes the auscultatory action on said model human body with said stethoscope simulator and determines a location of where said auscultatory action took place;
 - a vital sound data extracting device which extracts said vital sound data from said vital sound memory, said vital sound data corresponds to the determined auscultatory point; and
 - a vital sound playing device installed in said ear piece of said stethoscope simulator that reproduces said vital sound data extracted from said vital sound memory system.
2. The auscultation training device according to Claim 1, further comprising:
 - an auscultatory pressure detector which detects auscultatory pressure with said auscultatory section at said auscultation point determined by said auscultation point locator; and
 - a vital sound variation device which based on the detected auscultatory pressure, varies at least one of a sound pressure characteristic and a frequency characteristic of said vital sound data subject to reproduction.
3. The auscultation training device according to Claim 1, further comprising:
 - a condition recognition device which recognizes a contact condition between a surface of the model human body and the auscultatory section during the auscultatory action; and
 - a condition-vital sound variation device which, based on recognized contact condition therebetween, varies at least one of the sound pressure

characteristic and the frequency characteristic of said vital sound data subject to reproduction.

4. The auscultation training device according to Claim 1, wherein said vital sound memory system stores said vital sound data classified by gender, age, cases, and symptoms of the cases and has a reproduction prerequisite configuring device which presets reproduction prerequisites for the reproduction of said vital sound data.

5. The auscultation training device according to Claim 2, wherein said vital sound memory system stores said vital sound data classified by gender, age, cases, and symptoms of the cases and has a reproduction prerequisite configuring device which presets reproduction prerequisites for the reproduction of said vital sound data.

6. The auscultation training device according to Claim 3, wherein said vital sound memory system stores said vital sound data classified by gender, age, cases, and symptoms of the cases and has a reproduction prerequisite configuring device which presets reproduction prerequisites for the reproduction of said vital sound data.

7. The auscultation training device according to Claim 1, wherein said vital sound data is based on vital sounds which are generated from said real human body.

8. The auscultation training device according to Claim 2, wherein said vital sound data is based on vital sounds which are generated from said real human body.

9. The auscultation training device according to Claim 3, wherein said vital sound data is based on vital sounds which are generated from said real human body.

10. The auscultation training device according to Claim 4, wherein said vital sound data is based on vital sounds which are generated from said real human body.

11. The auscultation training device according to Claim 5, wherein said vital sound data is based on vital sounds which are generated from said real human body.

12. The auscultation training device according to Claim 6, wherein said vital sound data is based on vital sounds which are generated from said real human body.

13. The auscultation training device according to Claim 1, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

14. The auscultation training device according to Claim 2, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

15. The auscultation training device according to Claim 3, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

16. The auscultation training device according to Claim 4, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

17. The auscultation training device according to Claim 5, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

18. The auscultation training device according to Claim 6, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

19. The auscultation training device according to Claim 7, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

20. The auscultation training device according to Claim 8, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

21. The auscultation training device according to Claim 9, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

22. The auscultation training device according to Claim 10, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

23. The auscultation training device according to Claim 11, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.

24. The auscultation training device according to Claim 12, further comprising plural vital sound hearing means which enables at least two persons to hear said vital sound data reproduced therefrom.